



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

646.3410
Job Sheet 178091



Part No: 646.3410

Job Qty: 10 ea

Part Name: LH Wiper Deflector



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 5/26/18

Job Tracking No:

Due Date: 5/31/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV N/C SHEET 1 IPP REV: A NEW ISSUE 13/02/21 JFS VERIFY BY: JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	10 Ea		5/31/18	0.00	0.00	Start Up Machining-1		DAS 18/06/15
100	Bandsaw	10 pcs		5/31/18	0.00	0.00	Bandsaw1		52 18/06/15
110	CNC Vertical Machining	10 pcs		5/31/18	0.00	13.44	HAAS1-1		9-89 18/06/15
120	QC	10 pcs		5/31/18	0.00	0.00	QC2 Machining-1		18/06/15
130	QC	10 pcs		5/31/18	0.00	0.00	QC8 Machining-1		18/06/15
140	Outsource	10 pcs		5/31/18			ATG001-VC	10	18/06/15
150	Packaging	10 pcs		5/31/18	0.00	0.00	Packaging2		18/06/15
155	QC	10 pcs		5/31/18	0.00	0.00	QC5		18/06/15
180	Packaging	10 pcs		5/31/18	0.00	0.00	Packaging3-1		18/06/15
190	QC21-SA	10 Ea		5/31/18	0.00	0.00	QC21		18/06/15

Part Op 110 - 1-Machine per folio FB151 DWG REV: N/C FOLIO REV: AA 2- deburr and break all sharp edges
Descriptions: 120 - QC2- Inspect parts off machine FAI/FAIB
130 - QC8- Inspect parts - second check
140 - Issue P/O to ATG : _____ 1- Hard Anodize, Color Black and Prime as per Dwg 646.3400
150 - Receive & Inspect for Damage & Mat'l Certs
155 - QC5- Inspect part completeness to step on W/O
180 - Identify as per dwg & Stock Location: _____ ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***
190 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M7075T6S4.000X3.000	7075-T6S Sheet 4.000" Thick X 3.000" Wide	5.9400 ft (.594 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M7075T6S4.000X3.000	6	61	0

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Wiper Deflector, LH	3.950inches ± 0.010	3.960 3.940	3.946	
2	Wiper Deflector, LH	5.050inches ± 0.010	5.060	5.05	

DQA: _____ Date: _____
QA Closed: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

Work Order update only ☐



Work Order: _____		DISPOSITION		AGAINST DEPARTMENT/PROCESS																																																	
Part No. _____		Rework ☐		Skid-tube ☐																																																	
NCR No. _____		Scrap ☐		Machining ☐																																																	
		Use-as-is ☐		Thermoforming ☐																																																	
		Suspected Unapproved ☐		Large Fab ☐																																																	
Date: _____		Step #: _____		QTY Effective: _____																																																	
Description Work Order Deviation				Disposition																																																	
				Completed By																																																	
				Lead hand / Supervisor Approval Verification																																																	
				QC / QA Coordinator Approval																																																	
Root Cause				Date: 06/15/18																																																	
<table border="1"><tr><td>Environment</td><td>☐</td><td>No Re-verification</td><td>☐</td></tr><tr><td>Design</td><td>☐</td><td>Operator</td><td>☐</td></tr><tr><td>Doc/Data</td><td>☐</td><td>Offset/Setup</td><td>☐</td></tr><tr><td>Equip/Tooling</td><td>☐</td><td>Supplier</td><td>☐</td></tr><tr><td>Handling/Pre</td><td>☐</td><td>Training</td><td>☐</td></tr><tr><td>Material</td><td>☐</td><td>Use for Testing</td><td>☐</td></tr><tr><td>Internal Transport</td><td>☐</td><td>Poor Information</td><td>☐</td></tr><tr><td>Tribal Knowledge</td><td>☐</td><td>Rushing</td><td>☐</td></tr><tr><td>LOA</td><td>☐</td><td>Product Improvement</td><td>☐</td></tr><tr><td>Substation</td><td>☐</td><td>Process Improvement</td><td>☐</td></tr><tr><td>Past Expiry Date</td><td>☐</td><td>Manufacturing Process</td><td>☐</td></tr><tr><td>Misidentified</td><td>☐</td><td>Past Due</td><td>☐</td></tr></table>				Environment	☐	No Re-verification	☐	Design	☐	Operator	☐	Doc/Data	☐	Offset/Setup	☐	Equip/Tooling	☐	Supplier	☐	Handling/Pre	☐	Training	☐	Material	☐	Use for Testing	☐	Internal Transport	☐	Poor Information	☐	Tribal Knowledge	☐	Rushing	☐	LOA	☐	Product Improvement	☐	Substation	☐	Process Improvement	☐	Past Expiry Date	☐	Manufacturing Process	☐	Misidentified	☐	Past Due	☐		
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Misidentified	☐	Past Due	☐																																																		
 Container No: S081424 Part: 646.3410 Job No: 178091 Serial No/Batch: S081424 Revision: Inspector: Exp Date: Instructions: Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 CANADA TEL.: 1 613 632-5200 Email: sales@dartaero.com www.dartaerospace.com																																																					
WORKS/UNIT/LOT OTHER: _____				TURN INVOICES INVOICING/INVOICING UNIT/CONTAINER																																																	

			5.040	
3	Wiper Deflector, LH	70.000Degrees ± 0.500	70.500 69.500	70° Angle
4	Wiper Deflector, LH	40.000Degrees ± 0.500	40.500 39.500	40° Angle
5	Wiper Deflector, LH	0.500inches ± 0.010	0.510 0.490	0.5 Radius
6	Wiper Deflector, LH	0.250inches ± 0.010	0.260 0.240	0.250
7	Wiper Deflector, LH	1.100inches ± 0.010	1.110 1.090	1.098
8	Wiper Deflector, LH	0.310inches ± 0.010	0.320 0.300	0.307
9	Wiper Deflector, LH	45.000Degrees ± 0.500	45.500 44.500	45° Angle
10	Wiper Deflector, LH	0.190inches ± 0.010	0.200 0.180	0.19 Radius
11	Wiper Deflector, LH	6.880inches ± 0.010	6.890 6.870	6.875
12	Wiper Deflector, LH	6.250inches ± 0.010	6.260 6.240	6.245
13	Wiper Deflector, LH	5.740inches ± 0.010	5.750 5.730	5.735
14	Wiper Deflector, LH	4.630inches ± 0.010	4.640 4.620	4.630
15	Wiper Deflector, LH	0.500inches ± 0.010	0.510 0.490	0.500 Radius
16	Wiper Deflector, LH	1.630inches ± 0.010	1.640 1.620	1.630
17	Wiper Deflector, LH	3.000inches ± 0.010	3.010 2.990	3.000
18	Wiper Deflector, LH	30.000Degrees ± 0.500	30.500 29.500	30° Angle
19	Wiper Deflector, LH	0.190inches ± 0.010	0.200 0.180	0.190 Radius
20	Wiper Deflector, LH	0.750inches ± 0.010	0.760 0.740	0.753
21	Wiper Deflector, LH	2.750inches ± 0.010	2.760 2.740	2.754
22	Wiper Deflector, LH	2.000inches ± 0.010	2.010 1.990	2.001
23	Wiper Deflector, LH	45.000Degrees ± 0.500	45.500 44.500	45° Angle
24	Wiper Deflector, LH	0.380inches ± 0.010	0.390 0.370	0.376



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040243**

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalonde, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO040243

PO Date: 6/19/18

Due Date: 6/25/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	178091	646.3410	LH Wiper Deflector Issue P/O to ATG : _____ 1- Hard Anodize, Color Black and Prime as per Dwg 646.3400	Firmed	6/29/18	10 pcs	0 pcs	10 pcs	\$30.00/pcs	\$300.00
										10x 18.06.284 m2
										Grand Total: \$300.00

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 6/19/18 3:27 PM dart.tsimiklis.chrisoula



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T7
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 915466

Date: 27-Jun-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
10 ea	Part: 646.3410 LH Wiper Deflector Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 23295	Rev: N/C	PO: PO040243 Line: 1
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>27/6/2018</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.			

Made in Canada.